

New Jersey Drug and Alcohol Abuse Treatment

Substance Abuse Overview 2002 Warren County



Prepared by:
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Trenton, New Jersey

James E. McGreevey
Governor

Clifton R. Lacy, M.D.
Commissioner

July 2003



State of New Jersey
DEPARTMENT OF HEALTH AND SENIOR SERVICES
DIVISION OF ALCOHOLISM, DRUG ABUSE, AND ADDICTION SERVICES
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CLIFTON R. LACY, M.D.
Commissioner

July 2003

Dear Colleague:

This ***Substance Abuse Overview*** provides statistics and social indicators related to substance abuse and substance abuse treatment in your county. In 2002 there were more than 56,000 treatment admissions reported to the New Jersey Department of Health and Senior Services. Most of these reports were submitted on the paper forms of the Drug Abuse Data System (ADADS), but more than 1,000 admissions were reported by treatment providers in the web-based NJ Substance Abuse Monitoring System (NJ-SAMS) which began operations in October, 2002.

The Overview includes:

- State Totals for Substance Abuse Treatment Admissions for 2002.
- County Totals for Substance Abuse Treatment Admissions for 2002.
- Selected Social and Health Indicators for Your County.
- County Share of Substance Abuse Admissions by Primary Drug.
- Distribution of Substance Abuse Admissions by Primary Drug within County.
- Substance Abuse Admissions by Municipality and Primary Drug
- Treatment Admissions by Municipality of Residence, Primary Drug and Age.
- Estimated Number of People in Need of Treatment by County and Drug Type.

Dr. Abate Mammo prepared the need for treatment estimates and Dr. Yohannes Hailu compiled the social and health indicators.

If you have any questions about the data or participation in NJ-SAMS you may contact the Research and Information Systems Unit by email at charles.crowley@doh.state.nj.us or by telephone at (609) 292-8930.

Sincerely,

Charles J. Crowley
Coordinator,
Systems Analysis & Development

New Jersey Alcohol and Drug Abuse Data System

Substance Abuse Treatment Admissions

State Totals

Admissions: 1/1/2002 - 12/31/2002

Primary Drug			Legal Problem*		
Alcohol	15,525	28%	None	28,427	50%
Heroin	28,274	50%	Probation/Parole	14,422	26%
Intravenous	10,469	19%	DWI License Susp.	4,181	7%
Cocaine	5,592	10%	Other	11,859	21%
Smoked	3,768	7%			
Marijuana	6,052	11%	Referral Source		
Other Drugs	875	2%	Self-referral	22,900	41%
Treatment Setting			Family/Friend	4,725	8%
Couns/Coord-I/R	340	1%	Social Agency	14,878	26%
Hosp Detox/IMU	9,803	17%	Criminal Justice	11,275	20%
Residential Detox	5,001	9%	IDRC	2,448	4%
Short-Term Residential	5,236	9%	Any Prior Treatment		
Therapeutic Community	3,329	6%		40,303	71%
Extended Care/Halfway House	1,355	2%	Ever Participated in 12-Step Program *		
Outpatient Care	13,247	23%	No	21,962	39%
Outpatient Methadone Maint.	6,594	12%	Narcotics Anon.	26,252	47%
Intensive Outpatient	6,171	11%	Alcoholics Anon.	25,047	44%
Outpatient Detox	5,320	9%	Both NA and AA	18,376	33%
Sex			Smoke Tobacco (Yes)		
Male	39,095	69%		43,429	77%
Female	17,310	31%	Clients Treated in Their County of Residence		
Race/Ethnicity				32,546	58%
White	29,393	52%	Completed High School		
Black	18,314	32%		36,038	64%
Hispanic	7,677	14%	County of Residence		
Other	749	1%	Atlantic	2,223	4%
Age at Admission			Bergen	3,490	6%
Under 18	2,920	5%	Burlington	1,596	3%
18-20	3,616	6%	Camden	3,966	7%
21-24	6,079	11%	Cape May	1,019	2%
25-29	6,674	12%	Cumberland	1,412	3%
30-34	8,850	16%	Essex	9,312	17%
35-44	19,068	34%	Gloucester	1,640	3%
45-54	7,652	14%	Hudson	4,191	7%
55 and over	1,555	3%	Hunterdon	713	1%
Employment Status			Mercer	1,935	3%
Unemployed/Not in Labor Force	38,719	69%	Middlesex	3,375	6%
Employed Full/Part Time	16,577	29%	Monmouth	4,523	8%
Health Insurance at Admission*			Morris	2,140	4%
No Insurance	34,293	61%	Ocean	2,998	5%
Public Insurance	9,770	17%	Passaic	3,581	6%
Private Insurance	8,135	14%	Salem	477	1%
Other/Unknown	4,033	7%	Somerset	1,194	2%
Month of Admission			Sussex	825	1%
January	5,448	10%	Union	3,856	7%
February	4,626	8%	Warren	868	2%
March	4,931	9%	Other	1,090	2%
April	5,093	9%			
May	4,965	9%			
June	4,807	9%			
July	5,016	9%			
August	4,859	9%			
September	4,326	8%			
October	4,831	9%			
November	3,914	7%			
December	3,615	6%			
Total Admissions =				56,431	

**Totals greater than 100% because of multiple responses.*

**New Jersey Alcohol and Drug Abuse Data System
Substance Abuse Treatment Admissions
1/1/2002 - 12/31/2002**

Warren

County Code 21

Primary Drug

Alcohol	375	43%
Heroin	266	31%
Intravenous Heroin	140	16%
Cocaine	67	8%
Smoked Cocaine	43	5%
Marijuana	138	16%
Other Drugs	19	2%

Treatment Setting

Couns/Coord-I/R	3	0%
Hosp Detox/IMU	103	12%
Residential Detox	27	3%
Short-Term Residential	64	7%
Therapeutic Community	20	2%
Extended Care/Halfway House	11	1%
Outpatient Care	346	40%
Outpatient Methadone Maint.	44	5%
Intensive Outpatient	245	28%
Outpatient Detox	2	0%

Sex

Male	547	63%
Female	320	37%

Race/Ethnicity

White	798	92%
Black	38	4%
Hispanic	25	3%
Other	5	1%

Age at Admission

Under 18	98	11%
18-20	93	11%
21-24	123	14%
25-29	78	9%
30-34	127	15%
35-44	241	28%
45-54	90	10%
55 and over	18	2%

Employment Status

Unemployed/Not in Labor Force	553	64%
Employed Full/Part Time	305	35%

Legal Problem*

None	358	41%
Probation/Parole	243	28%
DWI License Susp.	82	9%
Other	270	31%

Referral Source

Self-referral	227	26%
Family/Friend	69	8%
Social Agency	365	42%
Criminal Justice	157	18%
IDRC	48	6%

Any Prior Treatment

612 71%

Ever Participated in 12-Step Program

No	300	35%
Narcotics Anon.	355	41%
Alcoholics Anon.	510	59%
Both NA and AA	303	35%

Smoke Tobacco (Yes)

689 79%

Completed High School

570 66%

Patients Treated in Their County of Residence

576 66%

Health Insurance at Admission*

No Insurance	367	42%
Public Insurance	217	25%
Private Insurance	234	27%
Other/Unknown	48	6%

Month of Admission

January	80	9%
February	80	9%
March	72	8%
April	75	9%
May	70	8%
June	70	8%
July	63	7%
August	91	10%
September	72	8%
October	71	8%
November	64	7%
December	60	7%

Total Admissions = 868

**Totals greater than 100% because of multiple responses.*

Warren County: Selected Social and Health Indicators			
General Risk Factors by Domain	State	County	County/State Ratio
Community Environment:			
• Children below poverty (%), 1997	14.80	10.10	0.68
• Voter participation (%), 2000	70.00	70.00	1.00
• Violent crime rate / 1,000, 2000	3.80	0.90	0.24
Family Structure: Rates/1,000 population			
• Domestic violence rate, 2000	9.23	10.27	1.11
• Teenage birth rate, 1997	35.00	19.00	0.54
• Child abuse/neglect referrals rate, 1998	20.20	36.00	1.78
School Involvement:			
• Dropouts (% HS enrolment), 1994-95	4.20	3.60	0.86
• Adults not high school graduates %, 1990	23.30	22.40	0.96
• Grade Eight Proficiency Assessment Index, 1999	0.755	0.760	1.01
Individual / Peer Behaviors: Under 18 years old (Rate / 1,000)			
• Juvenile drug arrest rate, 2000	3.87	2.77	0.72
• Juvenile DUI arrest rate, 2000	0.19	0.07	0.39
Other Health Indicators: Rate / 100,000 population			
• Drug abuse treatment admission rates, 2000	441.80	429.50	0.97
• Alcohol abuse treatment admission rates, 2000	189.10	354.40	1.87
• IDU risk AIDS case rates, 2001	119.00	22.00	0.18
• Cirrhosis of liver hospital admission rates	20.70	19.10	0.92
• Alcohol related mortality rates, 1998	5.20	**	**
• Drug related mortality rates, 1998	8.70	**	**
• Motor vehicle injury death rates, 1998	9.30	**	**
• Unintentional injury death rates, 1998	24.70	23.30	0.94
• Suicide rates, 1998	7.10	**	**
• Homicide rates, 1998	4.00	**	**
** Number is too small to calculate a reliable rate			

Age-adjusted Cancer Incidence by Gender, Warren County – 1986-1996 ¹				
	Male		Female	
	Warren	New Jersey	Warren	New Jersey
Lung Cancer Rate²				
• White	96.8	83.0	49.8	43.9
• Black	118.3	114.8	**	42.5
Oral Cancer Rate²				
• White	13.8	13.4	7.0	5.7
• Black	**	22.8	**	6.7
Bladder Cancer Rate²				
• White	44.5	38.0	9.2	9.7
• Black	**	15.8	**	6.1
1 Incidence rates per 100,000 population, age adjusted to the 1970 population				
2 Average annual rate.				

Warren County

Alcohol, Tobacco, & Other Drug (ATOD) Use by New Jersey Middle School Students, 2001		
Annual Prevalence	New Jersey Percent	Warren County Percent
• Cigarettes	12.3	11.6
• Alcohol	30.7	35.2
• Marijuana	4.7	3.4
• Inhalants	4.7	3.7
• Heroin	0.4	0.6
• Any Other Drugs	1.9	2.0

Risk Factor Scale Scores – Middle School Survey, 2001		
Selected Risk Factors by Domain	New Jersey	Warren County
Community Domain:		
• Low Neighborhood Attachment	48	40
• Community Transitions and Mobility	51	49
• Perceived Availability of Drugs and Firearms	28	27
Family Domain:		
• Poor Family Supervision	46	44
• Parental Attitudes Favorable toward ATOD Use	40	41
School Domain:		
• Poor Academic Performance	51	46
• Low School Commitment	49	47
Peer – Individual Domain:		
• Friends' Use of Drugs	35	35
• Favorable Attitudes toward Antisocial Behavior	54	54
• Low Perceived Risk of Drug use	33	28

Protective Factor Scale Scores – Middle School Survey, 2001		
Selected Protective Factors by Domain	New Jersey	Warren County
Community Domain:		
• Community Rewards for Pro-social Involvement	49	55
Family Domain:		
• Family Attachment	55	57
• Family Rewards for Pro-social Involvement	57	60
School Domain:		
• School Opportunities for Pro-social Involvement	54	60
• School Rewards for Pro-social Involvement	48	53
Peer – individual Domain		
• Social Skills	56	62
• Belief in the Moral Order	53	59

**County Share of Substance Abuse Admissions by Primary Drug,
2002 New Jersey Resident Admissions**

County of Residence	Primary Drug										Total	
	ALCOHOL		COCAINE		HEROIN		MARIJUANA		OTHERS			
	N	%	N	%	N	%	N	%	N	%	N	%
Atlantic	713	4.7	181	3.3	990	3.7	246	4.1	96	4.9	2226	4.0
Bergen	1539	10.1	450	8.2	1000	3.8	363	6.0	143	7.3	3495	6.3
Burlington	689	4.5	199	3.6	460	1.7	153	2.5	97	4.9	1598	2.9
Camden	1085	7.1	459	8.3	1657	6.2	526	8.7	242	12.3	3969	7.2
Cape May	495	3.2	105	1.9	193	0.7	166	2.8	72	3.7	1031	1.9
Cumberland	630	4.1	168	3.0	318	1.2	245	4.1	44	2.2	1405	2.5
Essex	958	6.3	638	11.6	7020	26.4	552	9.2	146	7.4	9314	16.8
Gloucester	583	3.8	157	2.8	532	2.0	245	4.1	124	6.3	1641	3.0
Hudson	1052	6.9	382	6.9	2273	8.6	372	6.2	118	6.0	4197	7.6
Hunterdon	335	2.2	47	0.9	194	0.7	100	1.7	42	2.1	718	1.3
Mercer	620	4.1	333	6.0	642	2.4	301	5.0	41	2.1	1937	3.5
Middlesex	851	5.6	327	5.9	1615	6.1	452	7.5	115	5.9	3360	6.1
Monmouth	1322	8.6	689	12.5	1721	6.5	639	10.6	162	8.2	4533	8.2
Morris	899	5.9	131	2.4	862	3.2	140	2.3	99	5.0	2131	3.8
Ocean	830	5.4	217	3.9	1529	5.8	275	4.6	147	7.5	2998	5.4
Passaic	666	4.4	353	6.4	2084	7.8	424	7.0	59	3.0	3586	6.5
Salem	184	1.2	61	1.1	118	0.4	103	1.7	13	0.7	479	0.9
Somerset	454	3.0	93	1.7	443	1.7	160	2.7	43	2.2	1193	2.2
Sussex	308	2.0	44	0.8	363	1.4	59	1.0	52	2.6	826	1.5
Union	714	4.7	418	7.6	2295	8.6	361	6.0	64	3.3	3852	7.0
Warren	381	2.5	68	1.2	240	0.9	139	2.3	46	2.3	874	1.6
State Total	15308	100.0	5520	100.0	26549	100.0	6021	100.0	1965	100.0	55363	100.0

**Distribution of Substance Abuse Admissions by Primary Drug within County,
2002 NJ Resident Admissions**

County of Residence	Primary Drug										Total	
	ALCOHOL		COCAINE		HEROIN		MARIJUANA		OTHERS			
	N	%	N	%	N	%	N	%	N	%	N	%
Atlantic	713	32.0	181	8.1	990	44.5	246	11.1	96	4.3	2226	100.0
Bergen	1539	44.0	450	12.9	1000	28.6	363	10.4	143	4.1	3495	100.0
Burlington	689	43.1	199	12.5	460	28.8	153	9.6	97	6.1	1598	100.0
Camden	1085	27.3	459	11.6	1657	41.7	526	13.3	242	6.1	3969	100.0
Cape May	495	48.0	105	10.2	193	18.7	166	16.1	72	7.0	1031	100.0
Cumberland	630	44.8	168	12.0	318	22.6	245	17.4	44	3.1	1405	100.0
Essex	958	10.3	638	6.8	7020	75.4	552	5.9	146	1.6	9314	100.0
Gloucester	583	35.5	157	9.6	532	32.4	245	14.9	124	7.6	1641	100.0
Hudson	1052	25.1	382	9.1	2273	54.2	372	8.9	118	2.8	4197	100.0
Hunterdon	335	46.7	47	6.5	194	27.0	100	13.9	42	5.8	718	100.0
Mercer	620	32.0	333	17.2	642	33.1	301	15.5	41	2.1	1937	100.0
Middlesex	851	25.3	327	9.7	1615	48.1	452	13.5	115	3.4	3360	100.0
Monmouth	1322	29.2	689	15.2	1721	38.0	639	14.1	162	3.6	4533	100.0
Morris	899	42.2	131	6.1	862	40.5	140	6.6	99	4.6	2131	100.0
Ocean	830	27.7	217	7.2	1529	51.0	275	9.2	147	4.9	2998	100.0
Passaic	666	18.6	353	9.8	2084	58.1	424	11.8	59	1.6	3586	100.0
Salem	184	38.4	61	12.7	118	24.6	103	21.5	13	2.7	479	100.0
Somerset	454	38.1	93	7.8	443	37.1	160	13.4	43	3.6	1193	100.0
Sussex	308	37.3	44	5.3	363	43.9	59	7.1	52	6.3	826	100.0
Union	714	18.5	418	10.9	2295	59.6	361	9.4	64	1.7	3852	100.0
Warren	381	43.6	68	7.8	240	27.5	139	15.9	46	5.3	874	100.0
State Total	15308	27.7	5520	10.0	26549	48.0	6021	10.9	1965	3.5	55363	100.0

Substance Abuse Admissions by Municipality and Primary Drug
January 1, 2002 to December 31, 2002

County Warren

MUNICIPALITY	PRIMARY DRUG										COUNTY TOTAL	
	ALCOHOL		COCAINE		HEROIN		MARIJUANA		OTHERS			
	N	%	N	%	N	%	N	%	N	%	N	%
Allamuchy Twp	1	16.7	1	16.7	1	16.7	3	50.0			6	100.0
Alpha Boro	1	100.0									1	100.0
Belvidere Town	34	37.0	7	7.6	31	33.7	17	18.5	3	3.3	92	100.0
Blairstown Twp	23	46.9	1	2.0	16	32.7	8	16.3	1	2.0	49	100.0
Franklin Twp	8	61.5			2	15.4	2	15.4	1	7.7	13	100.0
Frelinghuysen Twp	1	25.0			3	75.0					4	100.0
Greenwich Twp	11	52.4	2	9.5	6	28.6	2	9.5			21	100.0
Hackettstown Town	69	39.9	7	4.0	56	32.4	26	15.0	15	8.7	173	100.0
Hardwick Twp							1	100.0			1	100.0
Hope Twp	3	100.0									3	100.0
Independence Twp					4	80.0	1	20.0			5	100.0
Knowlton Twp	3	13.0			16	69.6	3	13.0	1	4.3	23	100.0
Liberty Twp	8	30.8	1	3.8	14	53.8	2	7.7	1	3.8	26	100.0
Lopatcong Twp	1	33.3			1	33.3	1	33.3			3	100.0
Mansfield Twp	4	36.4	1	9.1	1	9.1	4	36.4	1	9.1	11	100.0
Oxford Twp	15	75.0	1	5.0			4	20.0			20	100.0
Phillipsburg Town	133	48.9	33	12.1	49	18.0	41	15.1	16	5.9	272	100.0
Pohatcong Twp	2	28.6	1	14.3	2	28.6	1	14.3	1	14.3	7	100.0
Washington Boro	52	45.2	11	9.6	30	26.1	19	16.5	3	2.6	115	100.0
Washington Twp	8	42.1	2	10.5	4	21.1	3	15.8	2	10.5	19	100.0
White Twp									1	100.0	1	100.0
Not Stated	4	44.4			4	44.4	1	11.1			9	100.0
County Total	381	43.6	68	7.8	240	27.5	139	15.9	46	5.3	874	100.0

Treatment Admissions by Municipality of Residence, Primary Drug and Age, 2002

WARREN	ALCOHOL						DRUGS						TOTAL					
	18+		UNDER 18		TOTAL		18+		UNDER 18		TOTAL		18+		UNDER 18		TOTAL	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Allamuchy Twp	1	100.0			1	100.0	5	100.0			5	100.0	6	100.0			6	100.0
Alpha Boro	1	100.0			1	100.0							1	100.0			1	100.0
Belvidere Town	33	97.1	1	2.9	34	100.0	53	91.4	5	8.6	58	100.0	86	93.5	6	6.5	92	100.0
Blairstown Twp	22	95.7	1	4.3	23	100.0	20	76.9	6	23.1	26	100.0	42	85.7	7	14.3	49	100.0
Franklin Twp	7	87.5	1	12.5	8	100.0	3	60.0	2	40.0	5	100.0	10	76.9	3	23.1	13	100.0
Frelinghuysen Twp	1	100.0			1	100.0	3	100.0			3	100.0	4	100.0			4	100.0
Greenwich Twp	10	90.9	1	9.1	11	100.0	9	90.0	1	10.0	10	100.0	19	90.5	2	9.5	21	100.0
Hackettstown Town	68	98.6	1	1.4	69	100.0	91	87.5	13	12.5	104	100.0	159	91.9	14	8.1	173	100.0
Hardwick Twp									1	100.0	1	100.0			1	100.0	1	100.0
Hope Twp	3	100.0			3	100.0							3	100.0			3	100.0
Independence Twp							4	80.0	1	20.0	5	100.0	4	80.0	1	20.0	5	100.0
Knowlton Twp	3	100.0			3	100.0	18	90.0	2	10.0	20	100.0	21	91.3	2	8.7	23	100.0
Liberty Twp	8	100.0			8	100.0	11	61.1	7	38.9	18	100.0	19	73.1	7	26.9	26	100.0
Lopatcong Twp	1	100.0			1	100.0	1	50.0	1	50.0	2	100.0	2	66.7	1	33.3	3	100.0
Mansfield Twp	4	100.0			4	100.0	6	85.7	1	14.3	7	100.0	10	90.9	1	9.1	11	100.0
Oxford Twp	14	93.3	1	6.7	15	100.0	3	60.0	2	40.0	5	100.0	17	85.0	3	15.0	20	100.0
Phillipsburg Town	128	96.2	5	3.8	133	100.0	111	79.9	28	20.1	139	100.0	239	87.9	33	12.1	272	100.0
Pohatcong Twp	2	100.0			2	100.0	4	80.0	1	20.0	5	100.0	6	85.7	1	14.3	7	100.0
Washington Boro	47	90.4	5	9.6	52	100.0	54	87.1	8	12.9	62	100.0	101	88.6	13	11.4	114	100.0
Washington Twp	8	100.0			8	100.0	9	81.8	2	18.2	11	100.0	17	89.5	2	10.5	19	100.0
White Twp							1	100.0			1	100.0	1	100.0			1	100.0
Not Stated	4	100.0			4	100.0	4	80.0	1	20.0	5	100.0	8	88.9	1	11.1	9	100.0
Total	365	95.8	16	4.2	381	100.0	410	83.3	82	16.7	492	100.0	775	88.8	98	11.2	873	100.0

**Estimated Number of People in Need of Treatment by County and Drug Type
(1998 estimates)**

County	Lifetime Need for Alcohol Treatment	Current Need for Heroin Treatment	Current Need for Cocaine Treatment	Need for Other Illicit Drug Treatment	Combined Current Need for Illicit Drug Treatment	Combined Need for Alcohol and Illicit Drug Treatment
Atlantic	13,416	3,624	4,792	5,070	13,486	26,902
Bergen	65,230	4,511	5,479	4,426	14,416	79,646
Burlington	10,640	1,846	4,420	4,437	10,703	21,343
Camden	33,167	6,530	8,109	5,225	19,864	53,031
Cape May	6,640	830	1,174	1,895	3,899	10,539
Cumberland	9,700	1,012	2,506	1,554	5,072	14,772
Essex	26,637	22,750	10,427	6,968	40,145	66,782
Gloucester	9,253	1,648	3,050	2,204	6,902	16,155
Hudson	33,652	8,703	7,749	5,662	22,114	55,766
Hunterdon	5,026	656	641	1,362	2,659	7,685
Mercer	25,175	2,204	7,081	3,878	13,163	38,338
Middlesex	41,194	6,289	6,181	4,231	16,701	57,895
Monmouth	37,528	3,796	9,174	7,399	20,369	57,897
Morris	20,377	2,656	2,282	1,799	6,737	27,114
Ocean	39,622	2,955	3,746	4,130	10,831	50,453
Passaic	21,036	6,102	6,182	4,593	16,877	37,913
Salem	4,470	186	1,316	663	2,165	6,635
Somerset	13,759	1,356	1,961	1,873	5,190	18,949
Sussex	10,500	573	702	1,709	2,984	13,484
Union	17,369	7,714	5,487	3,668	16,869	34,238
Warren	8,827	412	1,282	889	2,583	11,410
Total	453,218	86,353	93,741	73,635	235,729	706,947

Estimates of lifetime need for alcohol treatment based on data from the New Jersey 1998 Telephone Household Survey.

Estimates of current need for illicit drug treatment based on capture-recapture analysis of data from the Alcohol and Drug Abuse Data System (ADADS): 1996-1998.